फाइल नं0-71-1002/1/2022

3/2023/I/257843/2023

प्रेषक,

दुर्गा शक्ति नागपाल,
विशेष सचिव,
उ0प्र0 शासन।

सेवा में,

महानिदेशक,
चिकित्सा शिक्षा एंव प्रशिक्षण,
उ0प्र0 लखनऊ।

चिकित्सा शिक्षा अनुभाग-1 लखनऊ: दिनांक 05 जनवरी, 2023

विषय:-चिकित्सा शिक्षा विभाग के अंतर्गत संचालित मेडिकल कालेजों/स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कालेजों के लिए स्किल लैब की स्थापना हेतु लगाये जाने वाले उपकरणों हेतु मानकीकृत तकनीकी विशिष्टियों के निर्धारण के सम्बन्ध में।

महोदया,

उपर्युक्त विषयक निदेशक, डॉ0 राम मनोहर लोहिया आयुर्विज्ञान संस्थान, लखनऊ के पत्रांक संख्या-3644/डा0रा0म0लो0आ0सं0/एम0एम0(ई0क्यू0)/2022-23, दिनांक 09.12.2022 का कृपया संदर्भ ग्रहण करें, जिसके द्वारा चिकित्सा शिक्षा विभाग के अन्तर्गत संचालित मेडिकल कालेजों एंव स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कालेजों के लिए स्किल लैब की स्थापना हेतु लगाये जाने वाले उपकरणों के सापेक्ष मैनीकिन, माडल एवं चार्ट के स्पेशिफिकेशन एवं आइटम्स (तकनीकी विशिष्टियों) के सापेक्ष उल्लिखित मूल्य पर अनुमोदन प्रदान करने का अनुरोध किया गया है।

2- अवगत कराना है कि मेडिकल कालेजों/स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कालेजों के लिए स्किल लैब की स्थापना हेतु पूर्व में उपलब्ध कराये गये उपकरणों का स्पेसिफिकेशन शासनादेश संख्या-94/2022/I/194549/2022-71-1002/I/2022, दिनांक 26.07.2022 एवं शासनादेश संख्या-117/2022/I/236107/2022/71-1002/1/2022 , दिनांक 16.11.2022 द्वारा निर्गत किया गया है।

3- इस सम्बन्ध में मुझे यह कहने का निदेश हुआ है कि मेडिकल कालेजों/स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कॉलेजों के लिए स्किल लैब की स्थापना हेतु लगाये जाने वाले उपकरणों एंव सामग्रियों के सापेक्ष मैनीकिन, माडल एवं चार्ट के उपलब्ध कराये गये स्पेशफिकेशन (तकनीकी विशिष्टियां) के सापेक्ष उल्लिखित मूल्य एवं आइटम्स (संलग्न प्रपत्र के अनुसार) को निम्नलिखित शर्तो/प्रतिबन्धों के अधीन अनुमोदित किया जाता है:-

1. मेडिकल कालेजों/स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कालेजों के लिए स्किल लैब हेतु उपकरणों को संलग्न तकनीकी विशिष्टियों के आधार पर स्थापित किया जाए।
2. स्पेसिफिकेशन के पारदर्शी होने का दायित्व निदेशक, डॉ0 राम मनोहर लोहिया आयुर्विज्ञान संस्थान, लखनऊ का होगा।
3. उपलब्ध कराये गये उपकरणों/सामग्री के मूल्य टेनटेटिव प्रकृति के प्रतीत होते है। अत: इनके सम्बन्ध में जेम मूल्य प्रभावी होंगे।

1- यह शासनादेश इलेक्ट्रानिकली जारी किया गया है, अत: इस पर हस्ताक्षर की आवश्यकता नहीं है ।

2- इस शासनादेश की प्रमाणिकता वेब साइट http://shasanadesh.up.nic.in से सत्यापित की जा सकती है ।

http://shasanadesh.up.nic.in

4. उपकरणों के क्रय में पारदर्शिता एवं गुणवत्ता सुनिश्चित किये जाने का दायित्व निदेशक, डॉ0 राम मनोहर लोहिया आयुर्विज्ञान संस्थान, लखनऊ का होगा।
5. उपकरणों/सामग्रियों का क्रय गैप एनालसिस के आधार पर किया जाए।

4- कृपया उपर्युक्तानुसार दिशा-निर्देशों का कड़ाई से अनुपालन सुनिश्चित कराने का कष्ट करें।

संलग्नक-यथोक्त।

भवदीया,

(दुर्गा शक्ति नागपाल)
विशेष सचिव।

संख्या-उपरोक्त तद्दिनांक।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. मिशन निदेशक, राष्ट्रीय स्वास्थ्य मिशन, लखनऊ।
2. निदेशक, डा0राम मनोहर लोहिया आयुर्विज्ञान संस्थान, लखनऊ।
3. समस्त प्रधानाचार्य, राजकीय मेडिकल कालेज, उ0प्र0।
4. समस्त प्रधानाचार्य, स्वशासी राज्य चिकित्सा महाविद्यालय, उ0प्र0।
5. जपाइगो।
6. गार्ड फाइल।

आज्ञा से,

(एस0 पी0 सिंह),
अनु सचिव

संलग्नक-

Nursing College wise Mannequins & Models List					
Sl.No.	**Mannequins & Models Name**	**Specification**	**Total Quantity**	**App. Unit Cost**	**App. Total Cost**
	A-Nursing Foundation Laboratory				
1	Ostomycare simulator (Colostomy/Gastrostomy)	Configurable stomas for ostomy care and irrigation Features: •	8	46000	368000
2	Chest tube Manikins	Chest tube port for care, maintenance and drainage.	6	102800	616800
B-Pre Clinical Sciences Laboratory (For Anotomy & Physiology Equipment, Models & Consumables)					

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2- इस शासनादेश की प्रमाणिकता वेब साइट http://shasanadesh.up.nic.in से सत्यापित की जा सकती है ।

1	Eye with different sections	Size: 15.5cm. Made of PVC. Mounted on a plastic stand. 6 times enlarged Model. The different parts of the eyeball model are detachable. Tunica external: showing cornea and sclera with attachments of ocular muscles and optic nerve. Tunica media: showing the iris, the ciliary body and the chorioid. Tunica interna is retina. Refractio n media: showing the lens and the vitreous body.	2	3000	6000
2	Brain	•Mounted on stand. •Dissectable in 10 parts. • 115 parts labeled in total. •Removable parts include the eye, calvarium and brain. •All important anatomical structures of the human head are depicted is detail. • Model represent superficial musculature & deep muscles, nerves & vessels. • Key card / Manual provided.	1	3000	3000
3	Spinal Cord	Mounted on board. • Shows 47 positions. • Made of Advanced PVC. • Shows ventral side, brain stem and spinal cord. • Branches up to the coccygeal plexus, sympathetic trunk with its connection to the central nervous system.	1	3000	3000
4	Cardio Vascular System	Circulatory System Model PVC • Size : Half life Size • Made of PVC • This model is a half life-size relief model which includes a 2 part removable heart and exceptional details. • Following anatomical structures are in detail: The arterial/venous system, the heart, the lungs, the liver, the spleen, kidneys, and a partial skeleton. • Mounted on base. •70 features marked. • Key card / Manual provided.	1	5000	5000
5	Respiratory system	Size : 40x80 cm. • Made of HSP resin. • Well illustrated and informative. • Upper half of the model displays nasal cavity, oral cavity, trachea, bronchia, bronchial tree in pulmonary lobe, right and left lungs cut open, heart in situ, pulmonary blood vessels and diaphragm with muscles attached to it. • Lower half of the modle shows enlarged pulmonary acinus displaying pulmonary alveoli, alveolar saccules, bronchial artery and veins and alveolar capillary network. • Model is accurately made from actual specimen references, photographs and encyclopedia reference under expert guidance. • Mounted on wooden sturdy base board. features marked. • Key card / Manual provided.	1	5000	5000
6	Lungs	Life size • Made of PVC • Dissectable in 7 parts • Showing the larynx (dissected along the sagittal plane), the lungs (dissected along the frontal plane) & a 2 parts heart. • Mounted on base. features marked. • Key card / Manual provided.	5	4000	20000
7	Trachea	The model consists of heart, great vessels (aorta, superior vena caval), tracheobronchial tree and mediastinum. • 57 positions are displayed • Size: 2/3 time of Life size, 27 x 22 x 19 cm. • Material: Advanced PVC and paint.	2	4000	8000

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8	Oral cavity	The model made with realistic resistance of the lips and cheeks is used to simulate the Oral Cavity for real-life practice. It can be used with Hygiene Techniques Training Manikin.	2	2500	5000
9	Teeth	22 x 16 x 15 cm •Highly enlarged dental model with normal tooth brush. •Key card/ Manual provided.	2	2500	5000
10	Eye with detacheble part on astand	Size: 15.5cm. Made of PVC. Mounted on a plastic stand. 6 times enlarged Model. The different parts of the eyeball model are detachable. Tunica external: showing cornea and sclera with attachments of ocular muscles and optic nerve. Tunica media: showing the i ris, the ciliary body and the chorioid. Tunica interna is retina. Refraction media: showing the lens and the vitreous body .	8	3000	24000
11	Hepatohiliary System	To study the basic structure of the liver, spleen, blood vessels and pancreas. • External structure are illustrated as well as the pancreatic duct of the pancreas. • This model also shows the abdominal aorta & inferior vena cava. • Life-size. Dissectible into 3 parts. • Made of PVC. Size:23 x 12.5 x 26 cm	4	4000	16000
	C-B Child Health Nursing Laboratory (Mannequns & Models)				
1	Pediatric training manikin	Pupil observation. Bilateral Pupil states: normal, mydriasis, • Operations of child care: full body bandage exercise, bathing, changing clothes, hair combing, eye washing and administering, otic drops and irrigation, mouth cavity care, blood collection of finger and TB test. • Airway administering: realistic mouth, nose, tongue, gum, pharynx, larynx, esophagus, epiglottis, trachea and tracheal ring, can practice tracheal intubation, sputum suction, oxygen inhaling. • Oral and nasal feeding. Gaslrolavage • Venipuncture, injection, transfusion (Arm). When needle penetrates into vein, blood flash back indicates proper insertion. • Intramuscular injection in bilateral deltoid, bilateral vastus lateralis and bilateral buttock. Enema, placement of rectal suppository. Urethral catheterization • Holistic care: sponge bath, replacing clothes, cold and heat therapy • Limbs joints: Bend, rotation, upper and lower movement. • Bathing and bandaging activity • Ostomy nursing of ileum, colon and bladder. • Tibial bone marrow puncture: Simulated bone marrow would outflow in the case of correct puncture	12	90000	1080000

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2	Infant & Child airway management trainer	Pupil observation. Bilateral Pupil states: normal, mydriasis, • Operations of child care: full body bandage exercise, bathing, changing clothes, hair combing, eye washing and administering, otic drops and irrigation, mouth cavity care, blood collection of finger and TB test. • Airway administering: realistic mouth, nose, tongue, gum, pharynx, larynx, esophagus, epiglottis, trachea and tracheal ring, can practice tracheal intubation, sputum suction, oxygen inhaling. • Oral and nasal feeding. Gaslrolavage • Venipuncture, injection, transfusion (Arm). When needle penetrates into vein, blood flash back indicates proper insertion. • Intramuscular injection in bilateral deltoid, bilateral vastus lateralis and bilateral buttock. Enema, placement of rectal suppository. Urethral catheterization • Holistic care: sponge bath, replacing clothes, cold and heat therapy • Limbs joints: Bend, rotation, upper and lower movement. • Bathing and bandaging activity • Ostomy nursing of ileum, colon and bladder. • Tibial bone marrow puncture: Simulated bone marrow would outflow in the case of correct puncture	6	90000	540000
3	Infant inject able head	Invaluable tool for demonstrating and practising infusions and injections in the temporal and jugular veins of a newborn to twelve-month-old infant.	12	750000	9000000
4	Infant auscultation simulator	The Life/form Infant Auscultation Trainer simulates heart, bowel, and lung conditions selected by the instructor via wireless remote control. The student must palpate to identify the correct auscultation site and will hear different heart, bowel and lung sounds as the SmartScope is moved from site to site. The instructor can program the remote control, selecting from two dozen conditions and even switch conditions so the students can compare and make a diagnosis. Includes Infant Auscultation Trainer, SmartScope, remote and hard carry case.	12	100000	1200000
5	NG tube Trainer (Pediatric)	This model was designed by nutrition nurses at Birmingham Children's Hospital to demonstrate to parents/carers the technique for inserting nasogastric and gastrostomy tubes in children This simple to use simulator helps identify the stages of placement, ensuring that the nasogastric device is passed safely and correctly. This child manikin enables parents/carers to visualise the correct positioning of nasogastric and gastrostomy tubes and also practise the associated techniques Families have reported that The Hungry Manikin gave them invaluable practice and increased their confidence and understanding. Measurement, placement and securement of nasogastric tube Insertion of gastrostomy tube As the manikin accepts fluids, training in the following procedures is now possible: Aspiration of the stomach for confirming correct tube placement Measuring pH (acidity/alkalinity) of stomach aspirate Enteral feeding via nasogastric or gastrostomy tubes Administration of liquid based medicines	10	125000	1250000
6	Pediatric Multi Venous Training Arm Kit	• Should be Pediatric arm model to offer lifelike training for performing injection, infusion, venepuncture, phlebotomy, simulation and training of needle and catheters puncture procedure • The model should have accessible veins include the median, basilica and cephalic. • Model should possess realistic skin to offer close to reality experience • After inserting the catheter correctly, students should experience a realistic flashback for placement confirmation • Should have capability of ultrasound scannable for ultrasoundguided intravenous (IV) access • Replacement skin should be very durable and can offer at least 3000 punctures before replacement • Skin should be nonstaining • Skin should be hypoallergenic • Includes two nos. of 1000 ml bags to use for simulating an IV drip	10	100000	1000000

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		and blood flow through the arm. • Model should have clear tubing to allow trainees to locate vessels solely by palpation			

(एस0पी0 सिंह)
अनु सचिव।

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